

SPECIFICATIONS

Rollformers	Quadro	SPM	MPP	MP
Panel Types	Mech 1" & 1.5"	Mech 1"	Mech 1"	Mech 1"
	Mech 2"			
	Nail Strip 1" & 1.5"			
	Snap 1" & 1.5"			
	U-Panel	U-Panel	U-Panel	U-Panel
Material Capacity CRS	22 ga	22 ga	24 ga	24 ga
Minimum Panel Width	10"	10"	10"	10"
Maximum Panel Width	28"	28"	28"	28"
Weight	2400 lbs	750 lbs	650 lbs	450 lbs
Speed	45 fpm	35 fpm	36 fpm	36 fpm
Voltage	230v, 1ph	115v, 1ph	115v, 1ph	115v, 1ph
Options Available:				
Trailers	Yes	Yes	Yes	Yes
Generators	Yes	Yes	Yes	Yes
Slitting	Yes	Yes	Yes	No
Concave Curving	Yes	Yes	No	No
Ribbing	Yes	Yes	No	No
Striations	Yes	No	No	No
Cut to Length Systems	Slasher GS	Slasher RS	Taper Slasher	Hand Slitter
Material Capacity CRS	18 ga	18 ga	20 ga	22 ga
Minimum Width	2"	2"	2"	1"
Weight	4100	3600	2200	50
Speed	72 fpm	72 fpm	60 fpm	N/A
Voltage	230v, 3 ph	230v, 3ph	230v, 3ph	N/A
Options Available:				
Decoilers	Yes	Yes	Yes	No
Film Applicator	Yes	Yes	Yes	No
Straightener	Yes	Yes	Yes	No

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Architectural Machines

100 International Drive Peachtree City, GA 30269
770.631.0002 tel 770.631.7776 fax www.metalforming-usa.com



METALFORMING
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MetalForming + Schleich

MetalForming Inc. is the North American leader in metal building and architectural sheet metal technology, with across-the-board, profit-making solutions for the industry's 21st century demands. MetalForming delivers a wide range of sheet metal fabricating products of unsurpassed quality and efficiency, with special focus on the roofing industry.

MetalForming is your complete resource. In addition to superior products, we have all the necessary ingredients — in applications, parts and accessories, technical strength and a wealth of experienced personnel — to ensure your satisfaction.

For more than 40 years, Schleich has been the leader in the design, development and manufacturing of on-site rollforming machines for the European market. Schleich has now joined forces with MetalForming the leader in sheet metal technology sales in North America, to develop a unique line of state-of-the-art rollforming and cutting equipment.

Through intensive collaboration with the MetalForming leadership team, along with expert advice from some of the most progressive roofers in America, Schleich has developed the most innovative and exciting family of machines for the sheet metal professional.

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Quadro-Plus Rollformer



Say goodbye to costly profile changeovers with the versatile Schleich Quadro-Plus rollformer. A marvel of German engineering and American practicality, Quadro-Plus eliminates frustrating, time-consuming conversions. And its high-quality manufacturing guarantees clean, straight finished panels.

You'll be amazed at the simplicity of the Quadro-Plus cassette system. Each cassette hinges on a pivot point and houses two complete profile sets at multiple heights, e.g., on one side of a cassette you can have nail strip and on the other side snap seam. To make a change, pull three levers, turn the cassette over and bang — you're making a new panel in under 30 seconds! To change to mechanical lock, pull one cassette and make a couple of roll adjustments for a completely aligned system in under 15 minutes.

The breakthrough is in Schleich's design and manufacturing strength. For about the same cost of a traditional machine with 20 roll sets, Schleich has produced a unit with 64! The rolls are factory-aligned and almost never need adjusting.

No more dismantling the machine. No more lost, damaged or misaligned rollers. No more hours of wasted down time. Switch profiles with minimum roller changes in money-saving minutes. It is as simple as that!

Zip through 9 different profiles in no time!

Mechanical Lock, 1" and 1.5"

Snap Seam, 1" and 1.5" Snap

Seam with Nail Strip, 1" and 1.5"

U-Panel, 1" and 1.5"

Mechanical Lock, 2" Structural



MORE QUADRO-PLUS ADVANTAGES

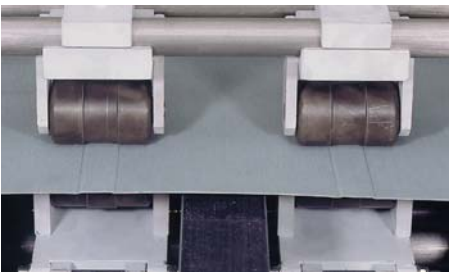
The fork lift slots make it easy to move the Quadro onto a trailer



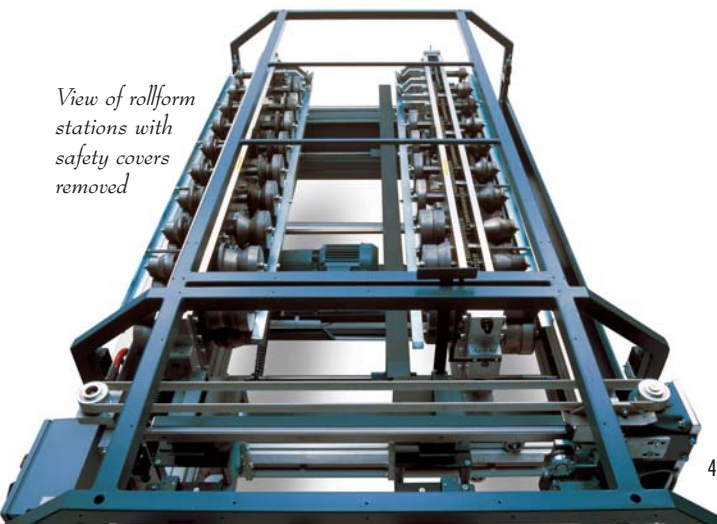
Front rotary shears ensure clean, smooth ends



Ribs and striations are available



View of rollform stations with safety covers removed



Its incredible changeover system makes Quadro-Plus the most innovative machine on the market — but it offers even more. A special device allows you to slit material during forming, so if you need to slit 2" off a coil, simply engage the slitter and away you go. Also, tapering and curving are possible with the Mechanical and U-Panel profiles.

Special nitro-carbonated, machine-tool steel rolls are warranted for 20 years — not 90 days like most competitors. No more disappointments with chrome-coated rolls. Quadro-Plus features the same rolls that have been in the field in Germany for more than 20 years, without being replaced once.

It looks big, but Quadro-Plus weighs no more than other machines. Its 230-volt, single-phase system is perfect for on-site usage. But the Quadro doesn't stop there. The machine boasts crane lifting eyes and forklift slots for hoisting stability. MetalForming also provides trailers, portable decoiling rigs and the best generators available.

Quadro-Plus has passed every rigid test — including ASTM, UL and Dade County — with flying colors. The nail strip, snap seam and mechanical lock panels emerged from the most-difficult ASTM inspection with high marks. When all testing is completed, Quadro-Plus will be the only machine you can take anywhere, anytime, and be armed with powerful testing data for winning job contracts.

The revolutionary Quadro-Plus utilizes a hybrid drive system. While more complex, the design reduces drive lines to two — one on each side — which creates far less oil canning. Rather than pulling material at 80 different points, efficient contact is achieved at 40 points, producing lower stress, and less oil canning.

Capture the advantages of the Quadro-Plus with 8 profiles, or add another 2" mechanical panel for further capacity. And the process is simple: Remove your current cassettes and plug in the 2" cassettes — no more roll alignment. No other company builds a machine that's truly upgradeable with such minimal effort, thanks to disciplined Schleich engineering and manufacturing.

German Engineering — Making A Better Machine For Less

Schleich has produced more than 2,000 rollformers for worldwide use. Schleich's new, state-of-the-art robotic machining facility in Germany makes parts especially for the American market, combining lower prices with the highest-quality rollforming units in the world.

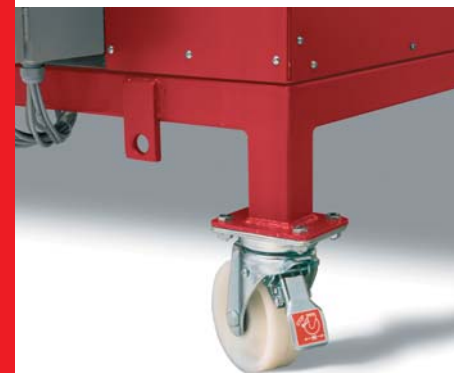
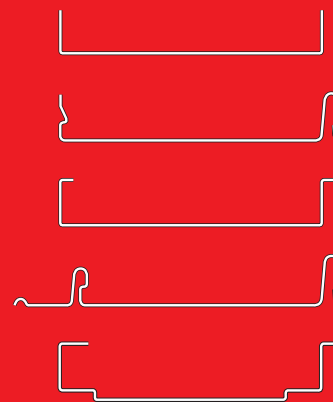


WHY QUADRO-PLUS IS BETTER

Slitting	German Engineering
Tapering	Proven Batch Control
Curving	Inexpensive Decoiling
Instant Changeover	Generators
Upgradeability	Trailers
More Profiles	Runout Tables
Portability	Ribs
Reduced Oil Canning	Striations
ASTM, UL Testing	



Cassettes can be changed easily



The portability features include casters and strap-down loops

Rollforming Equipment



DSM Rollformer & FK Mechanical Lock Machines

Schlebach's DSM and FK Double Standing Seam machines are an incredibly low-cost option for roofers forming double-seamed mechanical-lock panels in up to 22-gauge material. The DSM forms a U-panel at a brisk 30 feet per minute. For making a finished seam in two easy passes, place the U-panel onto the roof and lock the FK seamer down on the up-turned flange.

Mini-Prof 1-Inch Mechanical Lock Rollformer (MP)

Highly economical and practical, Schlebach Mini-Prof profilers are ideal for residential standing seam production and sell for particularly low prices. Mini-Prof can rollform a 1" standing seam panel in a single pass — simply precut the material and pass it through the machine. Mini-Prof also can produce either tapered panels or double-female and double-male sides.

- Continuously variable width adjustment, from 6.3" to 28.75".
- Space between rollers enables tapered panels from 3.0" to 28.7".
- Adjustable feed guides and leg heights.
- Trolley wheels, lifting eyes and polyurethane casters make unit suitable for site or workshop.

Mini-Prof Plus 1" Mechanical Lock Rollformer (MPP)

The Schlebach Mini-Prof Plus packs more bang for the buck than any other mechanical lock rollformer. It's perfect for making 1" mechanical lock on-site or in-house. Mini-Prof Plus combines all the positive features of the Mini-Prof — rapid panel production, tapered panels, double-male panels — and comes with even more, such as a decoiler, slitter and manual rotary shear. It also has programmable length control. Mini-Prof Plus is the perfect solution for those just getting into the metal business or those adding manufacturing capabilities.

SPM 30/80 1.5 or 2-inch Mechanical Lock Rollformer (SPM)

For high performance under the most-demanding site conditions, the Schlebach SPM 30/80 is your economical profiling workhorse, thanks to tried and trusted technology, modern design and sturdy construction. The rugged, low-cost, mechanical lock rollformer easily churns out standing seam panels in no time. The machine additionally produces one-sided profiles, such as tapered or fill-in sheets.

Capabilities

- Rollform tapered standing seam in two passes.
- Produce double-female or double-male flanges in two passes.
- Decoil, slit and shear.
- 10 roller stations for consistent panel production.
- Machine-tool steel rollers for longer life than stainless or coated rollers.

AHIK Mobile Decoiling System

- Fully mobile up to 2,000 lbs.; stationary capacity 3,000 lbs. of material.
- Accommodates internal coil dimensions from 14" to 24".
- Expanding mandrel quickly dials out to fit coil interior.

AH5K Decoiling System

- Cradle-style decoiler with expandable, 10,000 lb. mandrel system.
- Brake-controlled runout.
- Expansion from 14" to 24".



Curving Equipment



Panel Production Sample			
Profile	Minimum Radii		
	Copper	Steel	Aluminum
1 inch	24 inches	60 inches	24 inches
1.5 inches	36 inches	100 inches	36 inches



RBM 25.38 Standing Seam Panel Curving Machine

Take architectural sheet metal to new levels with the RBM offering special proficiencies in curving standing seam. This is the only reliable, repeatable, affordable panel curving system in the world. Easy-to-use RBM 25.38 produces convex curved panels to your unique specifications.

- Forms radius in 1" and 1.5" standard mechanical lock panel.
- Curves convex standing seam and U-panels at heights of 1" and 1.5".
- Curves straight or tapered panels at widths from 8" to 30".
- Offers convex arch bending of metal shapes for dormers, domes, arched or vaulted roofs.
- Comes with 2 stainless steel exit rolls.

Piccolo 25.38 Seamer

For straight or curved standing seam panels, Schleich Piccolo is the most versatile seamer in the world. While most seamers are limited to one or two functions, Piccolo can do six different operations! Seam 1" and 1.5" panels to either 180° or 90° locks — much more flexible than other systems — and work with flat or curved panels. Piccolo is also the most ruggedly constructed seamer in the business.

- Hinged chassis angles and locks for seaming curved panels in one pass.
- Seam down to 24" radius in copper, aluminum and zinc.
- 4 nitro-carbonated, hardened roller stations for complete closure.

Bend-Boy With Stand

The Bend-Boy Curver completes the Schleich Profile System accessory line, producing convex curved sheets with repeated passes as necessary. Special Bend-Boy engineering allows curves of 90° flanges up to 2" in height. The roller system works material uniformly while protecting integrity. It also can be used on color-coated pieces.



Innovative Equipment

Slasher with Rotary Shear (RS)

The Schleich Slasher is the premier cut-to-length system for metal building and architectural sheet metal businesses — the first high-quality slitter designed to be both affordable and engineered for the long haul.

Make automatic production of precise sheet metal blanks faster, easier and far less costly. A single operator can load coil, set knives, program lengths and run any quantity of blanks at 105' per minute — with accuracy of +/- 1/16"

- Slasher RS decoils up to 10,000 lbs. of material, from 18" to 51" wide and 18 to 28 gauge.
- Computer control: integrated power supply, 100 storage locations, manual mode, automatic knife position setting.
- 4 motorized in-feed roll sets, mounted on 3" solid shafts.
- 2 motorized slitting shafts, 4" diameter of solid steel.
- Revolutionary, 2-piece hardened knife design for 360° clamping.
- Heavy-duty electric rotary shear with width return setting.



Slasher with Guillotine Shear (GS)

Still the best knife design in the industry. Still the unbeatable solid heavy frame and massive slitting shafts. But now, the Slasher GS takes Slasher RS technology to a higher level of speed, strength and stacking ease with a 13 gauge guillotine shear for exit shearing.

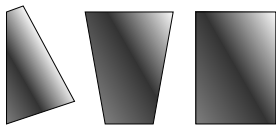
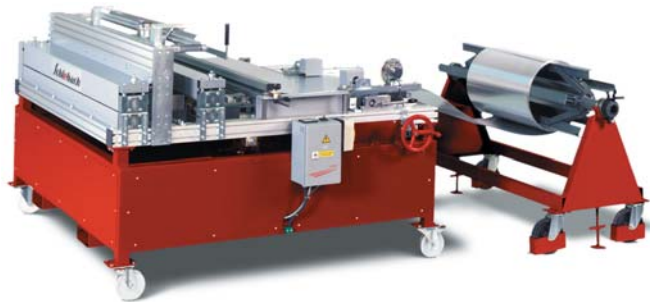
- Massive guillotine shear addition reduces exit shearing cycle speed by 70% — down to 1.2 seconds!
- Guillotine design enables effortless, worry-free stacking.
- 13-gauge guillotine exit shear.

Slasher Time Study with 4 Knives

Length In Inches	Slasher RS Blanks Per Hour	Slasher GS Blanks Per Hour
48	1,348	1,896
120	947	1,326
240	1,015	1,190



Innovative Equipment



tapered • trapezoidal • parallel

Taper Slasher

The revolutionary Taper Slasher is absolutely ideal for producing metal roofing panel blanks. For the first time ever, automatically slit tapered pieces from coil at speeds of up to 60 feet per minute. The secret is the ingenious tapered cutting head. Enter dimensions for the tapered panel, and the control provides the proper angle set for tapered knife and tapered entry shear.

- Slit tapers and parallel parts.
- Produce up to two tapered blanks from coil with tapered end cuts.
- Up to 20-gauge, mild-steel capacity.
- Electro-mechanical length measurement for programming blank length into computer control.
- Slitter designed for fast, economical decoiling/slitting of straight and tapered panels.
- Cantilevered blade can be set for manually tapered slits.

Table-Top Taper Slitter

For economical slitting, Schlebach Table-Top Taper Slitter is the compact, yet formidable answer. In a fashion similar to the miter box, line up material and make precise taper cuts easily and rapidly, in any length desired. The only constraint on panel slitting length is actual table length. It also cuts straight blanks.

superior **S²** slitting



Innovative Clips

SHM Semi-Automatic 1 Inch Standing Seam Clip Makers

Save on time and material by converting scrap into money-making clips. Schlebach SHM Semi-Automatic System lets you make floating 1" or 1.5" standing seam clips. Complemented by AG unit for bending pre-formed pieces into perfect shape.



Manual Mechanical Clip Makers

Turn scrap into quick, cheap and perfect standing seam clips. FHS Fixing Punches make static 1" and 1.5" clips for fitting profile sheets, through hole preparation, bending and cutting to length.

MetalForming offers clips for sale for the majority of panels in the U.S. market. Whether you need UL, ASTM or just an economical clip call us for competitive pricing.

